

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference A 7725 / KK	<b>FOR FURTHER ACTION</b> see Form PCT/ISA/220 as well as, where applicable, Item 5 below.	
International application No. PCT/EP2005/000040	International filing date (day/month/year) 05/01/2005	(Earliest) Priority Date (day/month/year) 05/01/2004
Applicant  AIRBUS DEUTSCHLAND GMBH		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

## 1. Basis of the report

- a. With regard to the language, the International search was carried out on the basis of the International application in the language in which it was filed, unless otherwise indicated under this item.



The International search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box II).

3. ☐ Unity of invention is lacking (See Box III).

4. With regard to the title,



the text is approved as submitted by the applicant.



the text has been established by this Authority to read as follows:

PANEL ARRANGEMENT FOR AN INTERIOR LINING OF A PASSENGER CABIN IN AN AIRCRAFT

5. With regard to the abstract,



the text is approved as submitted by the applicant.



the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

- a. the figure of the drawings to be published with the abstract is Figure No. 5



as suggested by the applicant.



as selected by this Authority, because the applicant failed to suggest a figure.



as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/EP2005/000040

## Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

The invention relates to an arrangement for lining the interior of a passenger vehicle such as an airplane with several honeycomb panels (22) arranged side by side. Each honeycomb panel (22) comprises at least two fibre-reinforced plastic cover layers (44) glued respectively above and below at least one forming a laminate honeycomb core (46), which laminate is arranged so as to extend parallel to the outer skin of the aircraft and follow the curvature of the outer skin. The honeycomb formation used is made of paper- or aramide honeycomb cores or of a mixed combination of both honeycomb core types. As an alternative, further fibre-reinforced plastic insulation layers are glued onto the outer surface of the respective cover layer (44) supported above and below the honeycomb formation.

Moreover, the layer design of the honeycomb panelling may comprise further honeycomb cores which are additionally stacked on and glued to the honeycomb panel used.

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2005/000040

<b>A. CLASSIFICATION OF SUBJECT MATTER</b>		
IPC 7	B64C1/12 B32B3/12 B64C1/40	
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>		
Minimum documentation searched (classification system followed by classification symbols) IPC 7 B64C B32B		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ, COMPENDEX		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	
	Relevant to claim No.	
Y	EP 0 279 620 A (ADVANCED TECHNOLOGY & RESEARCH INC; ATR INTERNATIONAL, INC) 24 August 1988 (1988-08-24)  abstract	1, 2, 4, 5, 7-9, 11, 12, 14, 20-22
Y	EP 0 624 462 A (CIBA-GEIGY AG) 17 November 1994 (1994-11-17)  the whole document	1, 2, 4, 5, 7-9, 11, 12, 22
Y	US 4 759 964 A (FISCHER ET AL) 26 July 1988 (1988-07-26) the whole document	20-22
Y	US 6 511 730 B1 (BLAIR F. DANA ET AL) 28 January 2003 (2003-01-28) abstract	14
-/-		
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.	<input checked="" type="checkbox"/> Patent family members are listed in annex.	
<p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier document but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p> <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"Z" document member of the same patent family</p>		
Date of the actual completion of the international search	Date of mailing of the international search report	
14 April 2005	21/04/2005	
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx 31 651 spo nl, Fax: (+31-70) 340-3016	Authorized officer  Calvo De No, R	

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2005/000040

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 055 513 A (HEXCEL CORPORATION) 29 November 2000 (2000-11-29) the whole document -----	1,20
A	US 4 299 872 A (MIGUEL ET AL) 10 November 1981 (1981-11-10) the whole document -----	1,20
A	US 3 811 997 A (YUAN E,US) 21 May 1974 (1974-05-21) the whole document -----	1,20
A	US 4 567 076 A (THERRIEN ET AL) 28 January 1986 (1986-01-28) abstract -----	1,20

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2005/000040

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0279620	A	24-08-1988	US 4799631 A AT 90294 T CA 1316164 C DE 3881539 D1 DE 3881539 T2 EP 0279620 A2	24-01-1989 15-06-1993 13-04-1993 15-07-1993 04-11-1993 24-08-1988
EP 0624462	A	17-11-1994	US 5460864 A CA 2122961 A1 EP 0624462 A1 JP 6328599 A ZA 9403150 A	24-10-1995 08-11-1994 17-11-1994 29-11-1994 07-11-1994
US 4759964	A	26-07-1988	AT 384189 B AT 360983 A DE 3625534 A1 FR 2607442 A1 GB 2197820 A	12-10-1987 15-03-1987 11-02-1988 03-06-1988 02-06-1988
US 6511730	B1	28-01-2003	EP 1055513 A1 AU 3881600 A CA 2372750 A1 EP 1189747 A1 WO 0073055 A1	29-11-2000 18-12-2000 07-12-2000 27-03-2002 07-12-2000
EP 1055513	A	29-11-2000	EP 1055513 A1 AU 3881600 A CA 2372750 A1 EP 1189747 A1 WO 0073055 A1 US 6511730 B1	29-11-2000 18-12-2000 07-12-2000 27-03-2002 07-12-2000 28-01-2003
US 4299872	A	10-11-1981	NONE	
US 3811997	A	21-05-1974	NONE	
US 4567076	A	28-01-1986	NONE	